

TGG1 / Myrosinase 1 antibody

Cat. No. GTX00932

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA, EM, IHC
Reactivity	Arabidopsis thaliana

Package
200 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:3000
ICC/IF	Assay dependent
ELISA	Assay dependent
EM	1:1000-1:2500
IHC	1:500-1:1000

Not tested in other applications.

Calculated MW 61 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 50% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	A synthetic peptide, AQNNQTIVPSDVHT, corresponding to TGG1 protein (353-366) of A. thaliana, conjugated with bovine serum albumin
Purification	Protein A purified From serum
Conjugation	Unconjugated



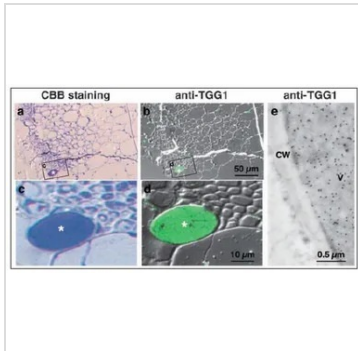
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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

**GTX00932 ICC/IF Image**

ICC/IF analysis of Arabidopsis rosette leaves (48-day-old plants) using GTX00932 TGG1 / Myrosinase 1 antibody. Asterisks show myrosin cells.

CW: cell wall; V: vacuole

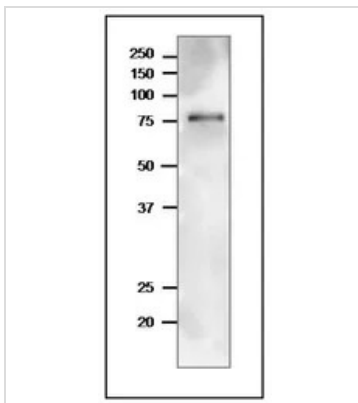
(a, c): stained with CBB

(b,d): Primary antibody

c and d are enlarged images of the boxed area of a and b, respectively.

(e): Ultrathin sections were mounted on Formvar-coated nickel grid by immunoelectron microscopy.

Dilution : 1:1000

**GTX00932 WB Image**

WB analysis of Arabidopsis leaf extract using GTX00932 TGG1 / Myrosinase 1 antibody. Molecular mass of TGG1 is 61 kDa from the amino acid sequence. The protein undergoes modifications such as elimination of signal peptide and glycosylation at 9 positions, which changes molecular mass in mature form.

Dilution : 1:1000

Loading : 10 μg



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